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Message Text

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ORIGIN EUR-12

INFO OCT-01 ARA-14 EA-09 ISO-00 ERDA-07 SIG-02 FEA-01
ACDA-10 CEQ-01 CIAE-00 DOTE-00 EPA-04 HEW-06
HUD-02 INR-07 INT-05 L-03 NSAE-00 NSC-05 NSF-02
OIC-02 PA-02 PM-05 PRS-01 OES-07 SP-02 SS-15
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R 022201Z AUG 77
FM SECSTATE WASHDC
TO ALL NATO CAPITALS
INFO AMEMBASSY JAKARTA
AMEMBASSY WELLINGTON
AMEMBASSY MANAGUA
AMEMBASSY PARIS
AMEMBASSY BRUSSELS

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USOECD, USEEC

E.O. 11652: N/A

TAGS: CCMS, ENRG

SUBJECT: CCMS: GEOTHERMAL ENERGY MEETING, WASHINGTON, D.C., JUNE 21-22

1. REPRESENTATIVES FROM EIGHT NATO COUNTRIES, INDONESIA, NEW ZEALAND, AND NICARAGUA PARTICIPATED IN THE NATO/CCMS SPONSORED CONFERENCE ON THE ECONOMICS OF DIRECT USES OF GEOTHERMAL ENERGY AT THE DEPARTMENT OF STATE JUNE 21-22. FOLLOWING WELCOMING REMARKS BY DR. JAMES BRESEE OF ERDA'S
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DIVISION OF GEOTHERMAL ENERGY, PILOT STUDY DIRECTOR, AND F.A. HARRIS, US CCMS COORDINATOR, THE DELEGATES HEARD REPORTS ON GEOTHERMAL PROGRESS IN FRANCE (SAGNIER), ICELAND (RAGNERS), NICARAGUA (VEGA), CANADA (JESSOP), NEW ZEALAND (BOSHIERS), INDONESIA (MODJO), THE FRG (KEPPELMEYER), AND TURKEY (ALPAN). THE SECOND DAY OF THE CONFERENCE WAS DEVOTED TO SEPARATE DISCUSSIONS OF

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AGRICULTURAL/INDUSTRIAL APPLICATIONS OF GEOTHERMAL ENERGY
AND SPACE/DISTRICT HEATING AND THE PRESENTATION OF
TECHNICAL PAPERS BY US EXPERTS IN THESE FIELDS. HIGH-
LIGHTS OF THE REPORTS BY INTERNATIONAL DELEGATES FOLLOW.

2. FRANCE: 8-10,000 HOUSING UNITS ARE NOW BEING HEATED
GEOTHERMALLY, AND 10 TO 15 HOUSING AND AGRICULTURAL
PROJECTS ARE PENDING. BOTH ENGINEERING AND OPTIMIZATION

WERE DISCUSSED.

3. ICELAND: EXPLORATION AND DRILLING ARE CONTINUING; IN
A FEW YEARS 65 PERCENT OF THE POPULATION WILL ENJOY
GEOTHERMAL SPACE HEATING. A 60 MW POWER PLANT BEING
BUILT AT KRAFTA FIELD HAS BEEN DISRUPTED BY RIFTING BUT
HAS NOT RECEIVED HIGH PRIORITY BECAUSE OF THE ABUNDANCE
OF HYDROPOWER IN ICELAND. GREENHOUSE FARMING INCREASED
TO 140,000 SQUARE METERS BY THE END OF 1976. SEAWEED
DRYING AND SALT PRODUCTION ARE ALSO UNDERWAY.

4. NICARAGUA: DRILLING IN 8 FIELDS HAS RESULTED IN 5
GOOD PRODUCTION HOLES (5-12 MW AVAILABLE STEAM). PLANS
ARE UNDERWAY FOR A 35 MW POWER PLANT.

5. CANADA: GEOPHYSICAL WORK IS PROCEEDING IN THE YUKON,
THE PRAIRIES, AND PARTS OF THE FAR NORTH. LOW POPULATION
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DENSITY AND EXTREME WINTER TEMPERATURES HAVE A NEGATIVE
IMPACT ON ECONOMICS.

6. NEW ZEALAND. THE IMPACT OF GOVERNMENT ENERGY PRICING
POLICY ON THE ECONOMICS OF GEOTHERMAL USE WAS DESCRIBED.
THE WAIRAKEI POWER PLANT GOT UP TO 159 MW IN 1975. 150
MW POWER PLANT IS PLANNED FOR BROADLANDS, BUT NONELECTRIC
USES ARE ALSO BEING CONSIDERED. IN ROTORUA A HOSPITAL
IS USING GEOTHERMAL ENERGY FOR SPACE HEATING AND THERAPY,
AND A HOTEL IS USING GEOTHERMAL HEATING, COOLING, AND
TAP WATER. OTHER ACTIVITIES INCLUDE PAPER PRODUCTION
IN TASMAN, ALFALFA DRYING AT BROADLANDS, AND DISTRICT
HEATING AT AUCKLAND.

7. INDONESIA: PRODUCTION DRILLING IS UNDERWAY, AND 30 MW
POWER PLANT IS UNDER DESIGN.

8. TURKEY: GEOTHERMAL ENERGY IS WELL ESTABLISHED FOR
RESORT AND THERAPEUTIC BATHS AND IS NOW BEING EXPANDED
TO SPACE HEATING, GREENHOUSES, DIRECT USE AS TAP WATER,
AND THE TEXTILE INDUSTRY. POWER GENERATION IS IN
PLANNING AND DESIGN STAGES.

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9. WEST GERMANY: ECONOMICS OF HYDROTHERMAL ARE NOT TOO PROMISING, BUT HOT DRY ROCK MAY OFFER LARGER POTENTIAL. A FRAC EXPERIMENT IS PLANNED FOR 1978.

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
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Decaption Note:
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Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
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